

Locating the Points at which Damage Occurs to
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C.E. Tr. 5260

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THE PROSPECTS FOR THE CONSTRUCTION OF POWERFUL
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BRUSH SLIDING CONTACT ON TURBO-GENERATOR
SLIP RINGS. [1963] [6p] 3refs C. E. Trans. 2999.
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Trans. of Elekt[richeskie] Stantsii (USSR) 1963, v. 34,
no. 1, p. 45-48. (Abstract available)

DESCRIPTORS: *Slip rings, Generators, Turbines,
*Sliding contacts, Brushes, Power equipment.

Investigations carried out on the slip ring brush contact confirm that, in defined conditions between the ring and the brush, there is a wedge-shaped air gap. The tangential dimension of the brush should be as small as possible to lower the aerodynamic lifting force and ensure sparkless operation at high linear velocities of the slip ring. An effective means of improving the operation of a brush slip ring contact with current (Engineering--Electrical, TT, v. 11, no. 2) (over)

TT-63-24093

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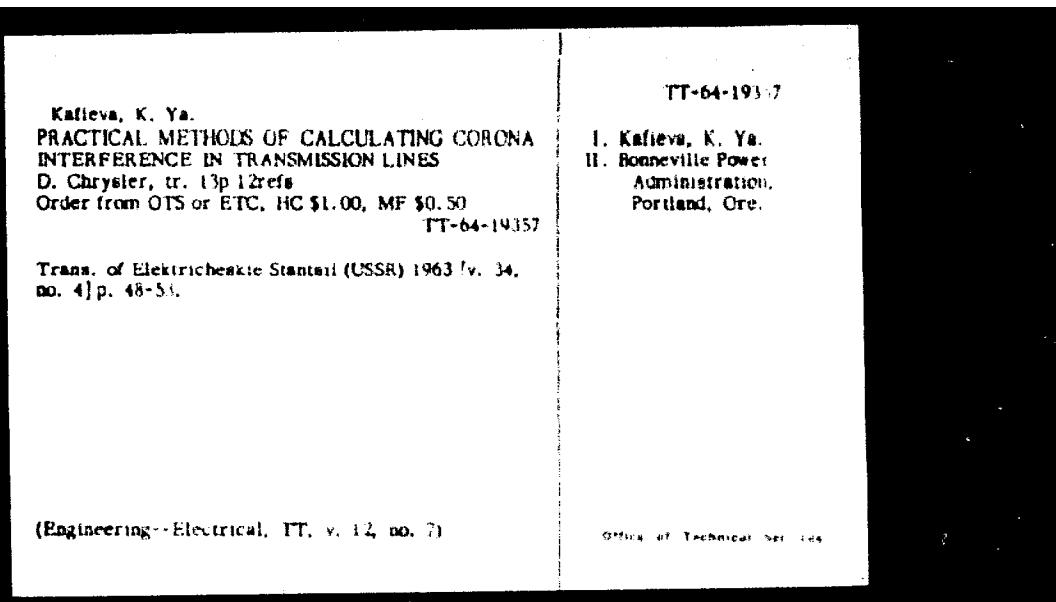
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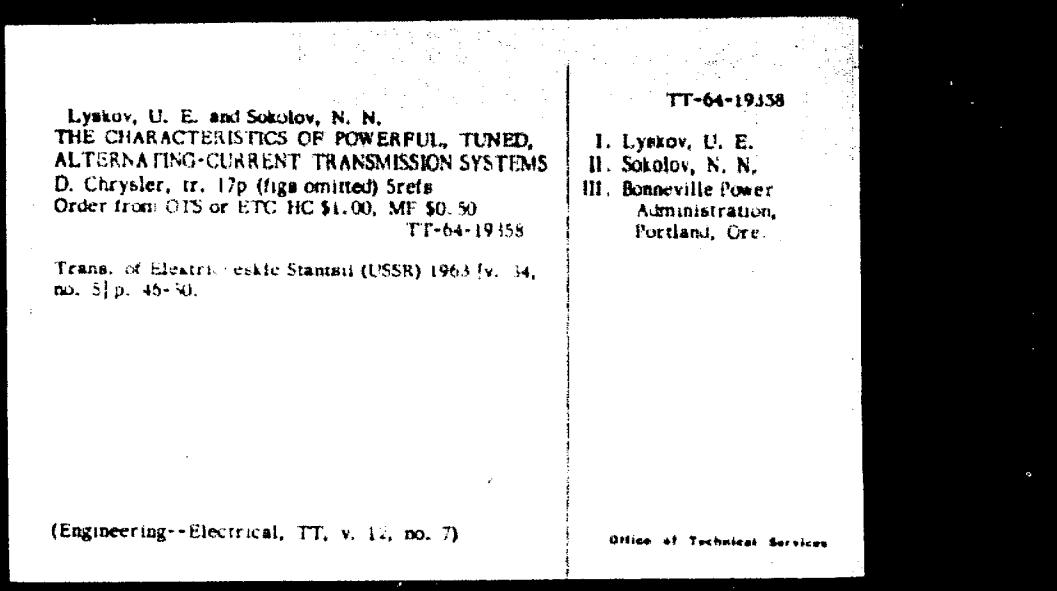
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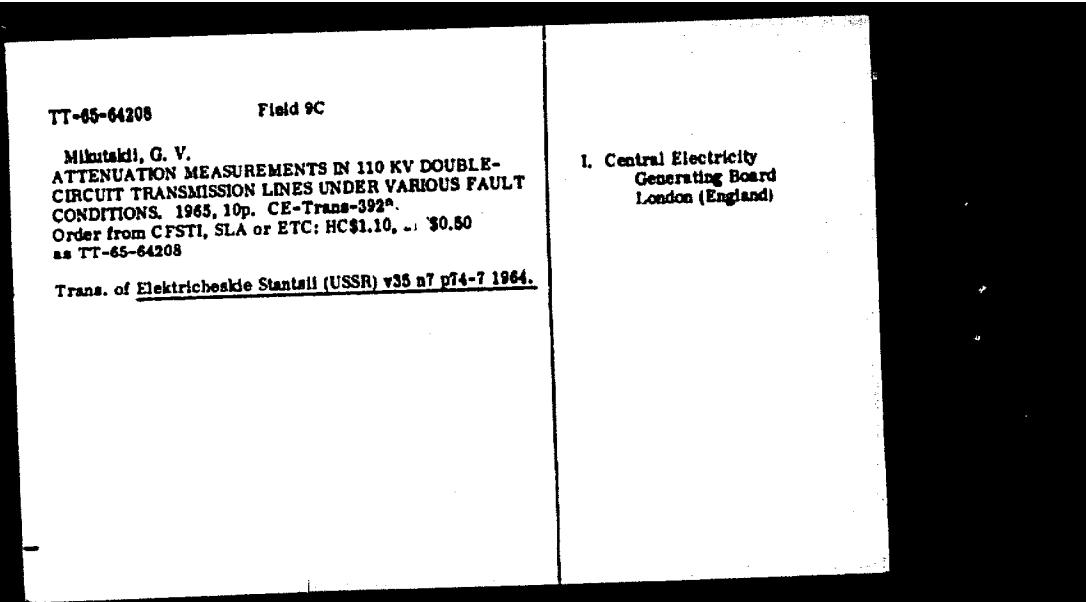
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